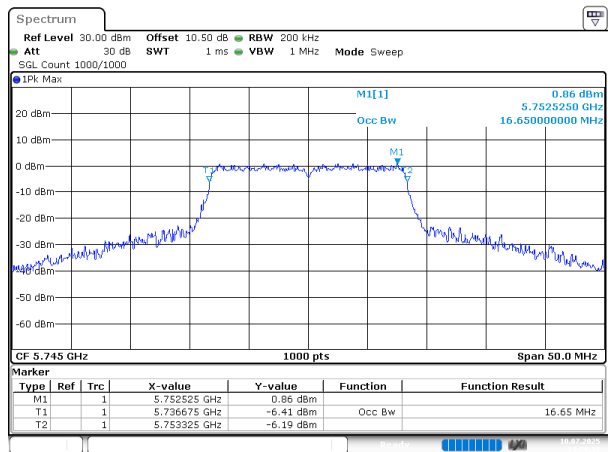


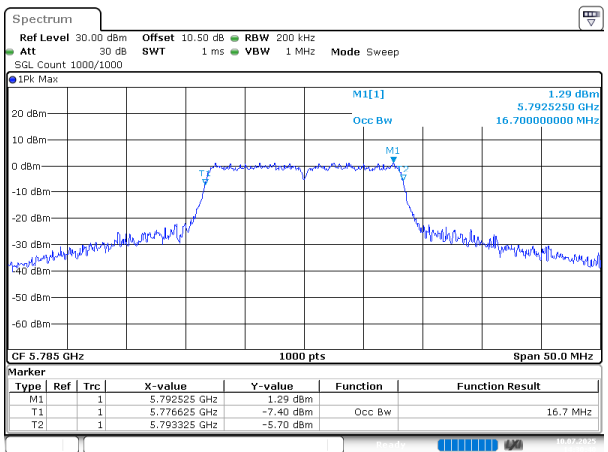
5725-5850MHz

802.11a_5745MHz



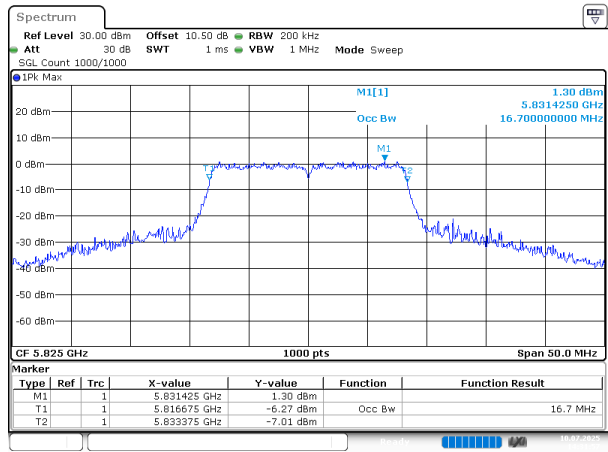
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802.11a_5785MHz



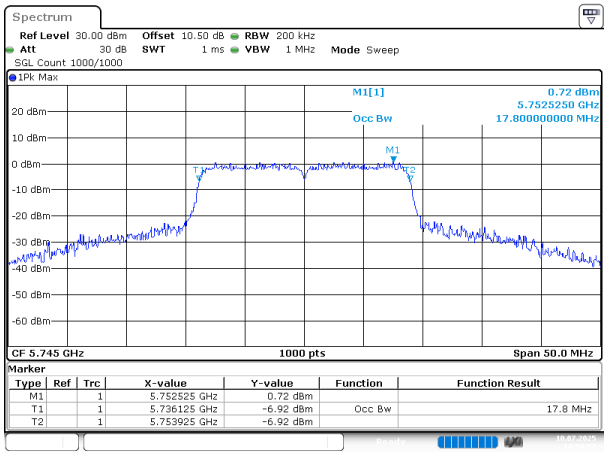
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802.11a_5825MHz



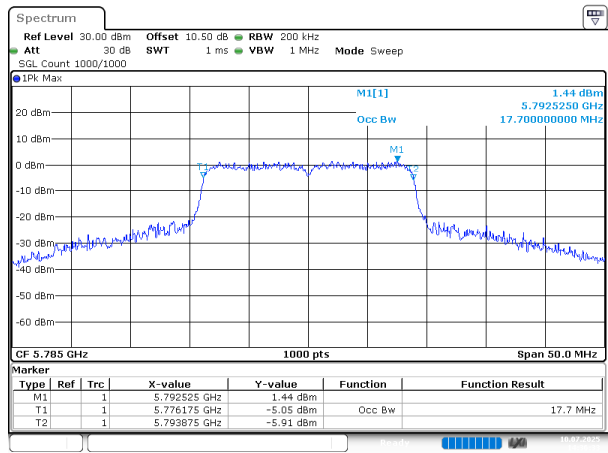
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802.11n20_5745MHz



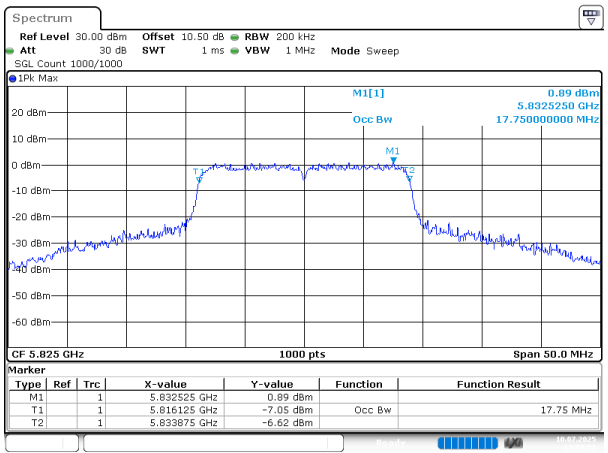
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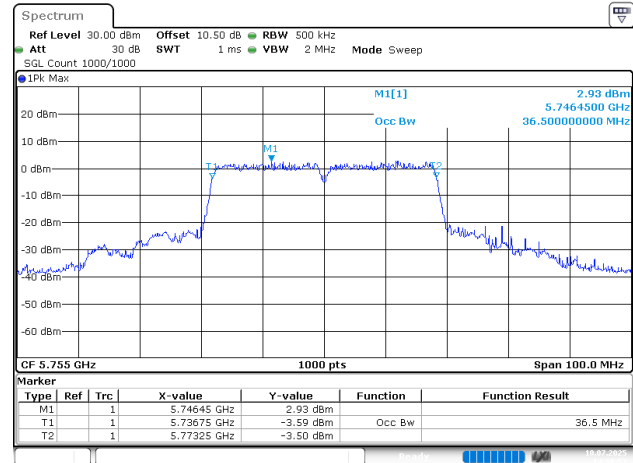
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802.11n20_5825MHz



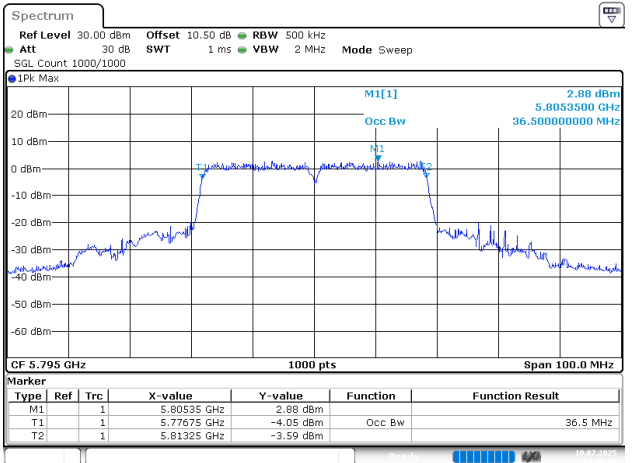
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802.11n40_5755MHz



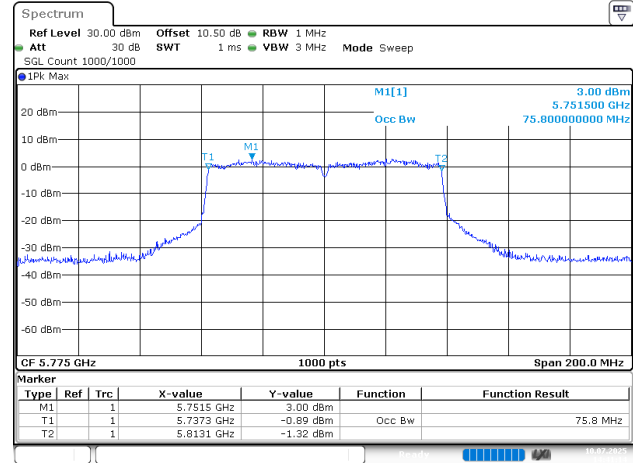
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802.11n40_5795MHz



ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 10.JUL.2025 14:40:00

802.11ac80_5775MHz



ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 10.JUL.2025 14:41:14

5.5 Maximum Conducted Output Power

Test Information:

Serial No.:	34EN-2	Test Date:	2025/07/10~2025/07/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.2-26.4	Relative Humidity: (%)	50-64	ATM Pressure: (kPa)	99.8-100.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:**5150-5250MHz**

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5180	9.73	24	Pass
	5200	9.72	24	Pass
	5240	9.67	24	Pass
802.11n20	5180	9.95	24	Pass
	5200	9.91	24	Pass
	5240	9.88	24	Pass
802.11n40	5190	8.98	24	Pass
	5230	9.25	24	Pass
802.11ac80	5210	8.51	24	Pass

Note: The device is a Client device.

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5260	9.29	24	Pass
	5280	9.22	24	Pass
	5320	8.6	24	Pass
802.11n20	5260	9.6	24	Pass
	5280	9.54	24	Pass
	5320	8.82	24	Pass
802.11n40	5270	8.73	24	Pass
	5310	8.08	24	Pass
802.11ac80	5290	8.24	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5500	7.34	24	Pass
	5580	7.43	24	Pass
	5700	7.77	24	Pass
802.11n20	5500	7.58	24	Pass
	5580	7.02	24	Pass
	5700	6.85	24	Pass
802.11n40	5510	6.77	24	Pass
	5550	7.7	24	Pass
	5670	6.98	24	Pass
802.11ac80	5530	7.39	24	Pass
	5610	6.95	24	Pass
	5690	7.56	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	6.65	30	Pass
	5785	7.42	30	Pass
	5825	7.05	30	Pass
802.11n20	5745	6.96	30	Pass
	5785	7.74	30	Pass
	5825	7.4	30	Pass
802.11n40	5755	7.22	30	Pass
	5795	7.45	30	Pass
802.11ac80	5775	7.13	30	Pass

5.6 Power Spectral Density

Test Information:

Serial No.:	34EN-2	Test Date:	2025/07/10~2025/07/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.2-26.4	Relative Humidity: (%)	50-64	ATM Pressure: (kPa)	99.8-100.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:**5150-5250MHz**

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5180	-1.27	0.12	-1.15	11	Pass
	5200	-1.21	0.12	-1.09	11	Pass
	5240	-0.60	0.12	-0.48	11	Pass
802.11n20	5180	-1.14	0.17	-0.97	11	Pass
	5200	-1.26	0.17	-1.09	11	Pass
	5240	-0.98	0.17	-0.81	11	Pass
802.11n40	5190	-4.35	0.27	-4.08	11	Pass
	5230	-4.27	0.27	-4.00	11	Pass
802.11ac80	5210	-8.39	0.57	-7.82	11	Pass

Note: The device is a Client device.

5250-5350MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5260	-1.63	0.12	-1.51	11	Pass
	5280	-1.63	0.12	-1.51	11	Pass
	5320	-2.23	0.12	-2.11	11	Pass
802.11n20	5260	-1.24	0.17	-1.07	11	Pass
	5280	-1.50	0.17	-1.33	11	Pass
	5320	-2.02	0.17	-1.85	11	Pass
802.11n40	5270	-5.27	0.27	-5.00	11	Pass
	5310	-5.58	0.27	-5.31	11	Pass
802.11ac80	5290	-8.78	0.57	-8.21	11	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Reading (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11a	5500	-3.64	0.12	-3.52	11	Pass
	5580	-3.64	0.12	-3.52	11	Pass
	5700	-3.32	0.12	-3.20	11	Pass
802.11n20	5500	-3.76	0.17	-3.59	11	Pass
	5580	-4.50	0.17	-4.33	11	Pass
	5700	-4.27	0.17	-4.10	11	Pass
802.11n40	5510	-7.40	0.27	-7.13	11	Pass
	5550	-6.77	0.27	-6.50	11	Pass
	5670	-7.40	0.27	-7.13	11	Pass
802.11ac80	5530	-10.11	0.57	-9.54	11	Pass
	5610	-10.66	0.57	-10.09	11	Pass
	5690	-9.98	0.57	-9.41	11	Pass

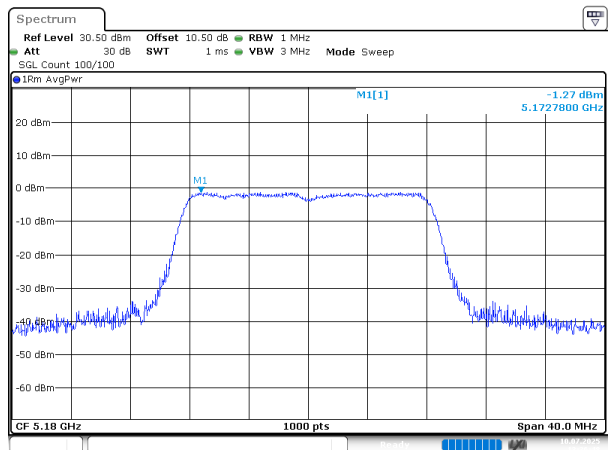
5725-5850MHz

Mode	Test Frequency (MHz)	Reading (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
802.11a	5745	-7.45	0.12	-7.33	30	Pass
	5785	-6.77	0.12	-6.65	30	Pass
	5825	-6.95	0.12	-6.83	30	Pass
802.11n20	5745	-7.17	0.17	-7.00	30	Pass
	5785	-6.52	0.17	-6.35	30	Pass
	5825	-7.13	0.17	-6.96	30	Pass
802.11n40	5755	-10.10	0.27	-9.83	30	Pass
	5795	-9.82	0.27	-9.55	30	Pass
802.11ac80	5775	-13.57	0.57	-13.00	30	Pass

Result = Reading + Duty Cycle Factor

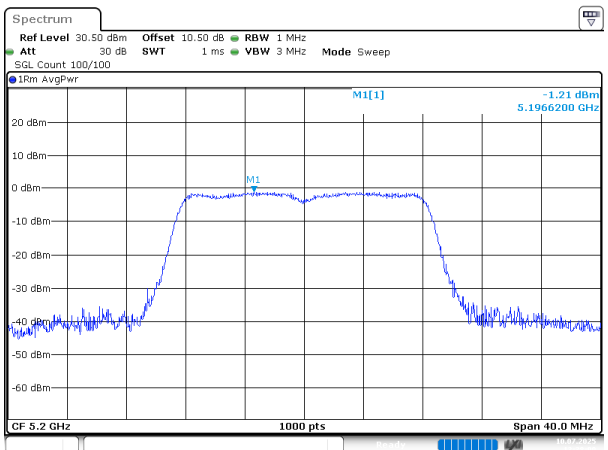
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802.11a_5180MHz



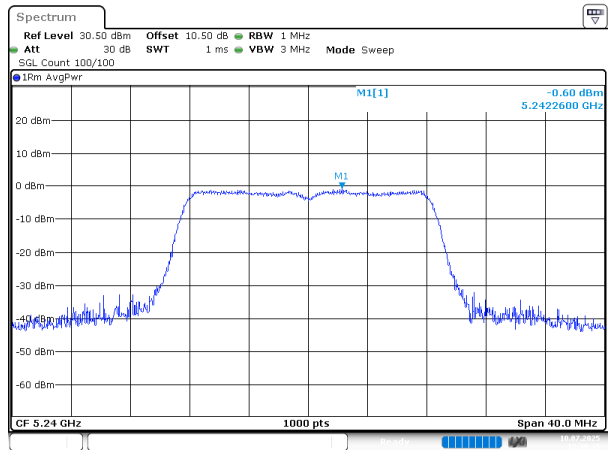
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802.11a_5200MHz



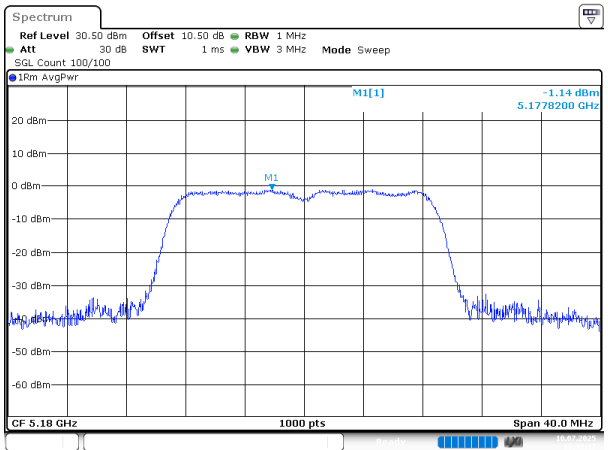
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802.11a_5240MHz



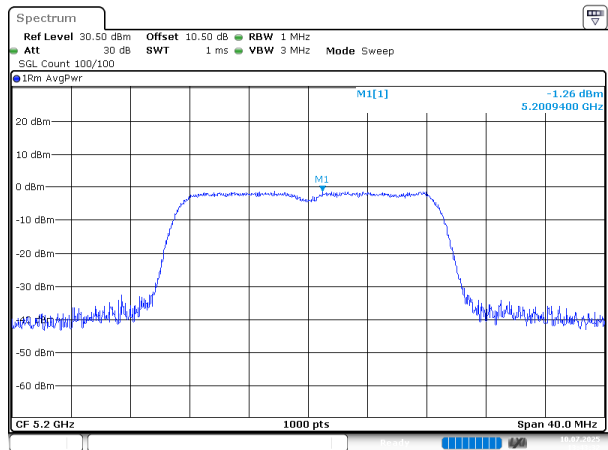
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802.11n20_5180MHz



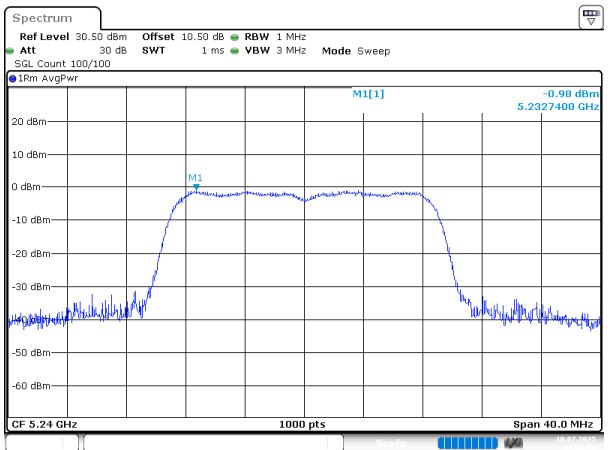
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802.11n20_5200MHz



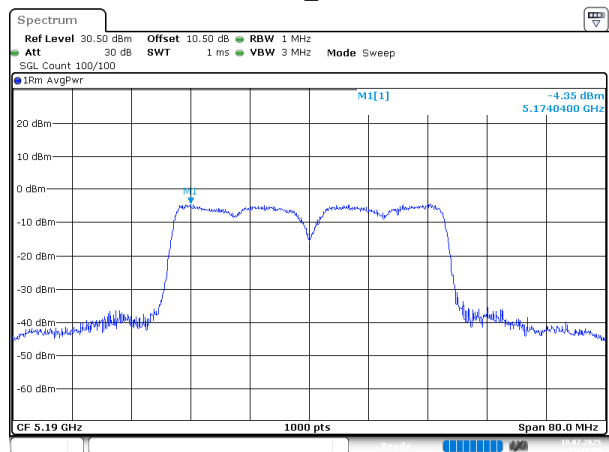
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802.11n20_5240MHz



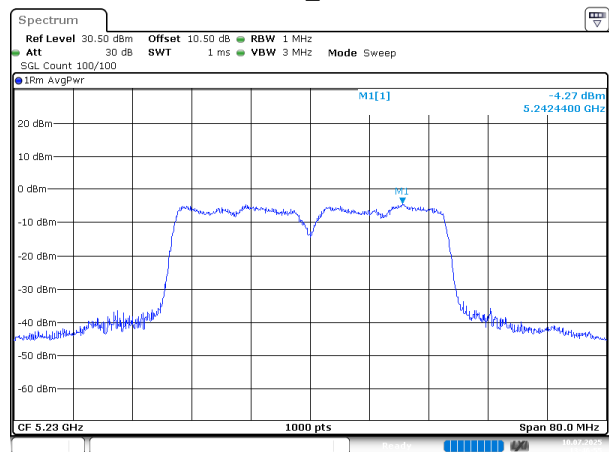
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802.11n40_5190MHz



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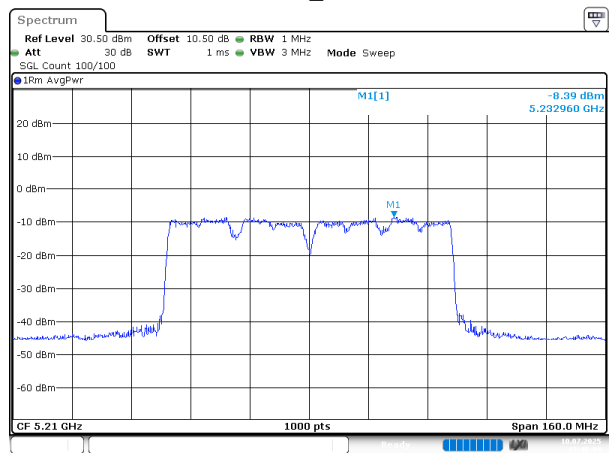
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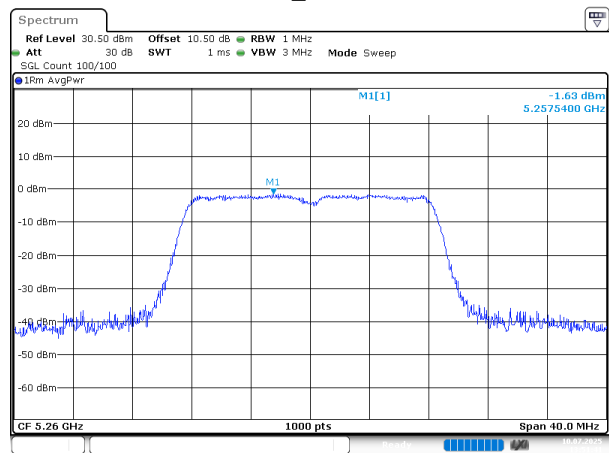
5250-5350MHz

802.11ac80_5210MHz



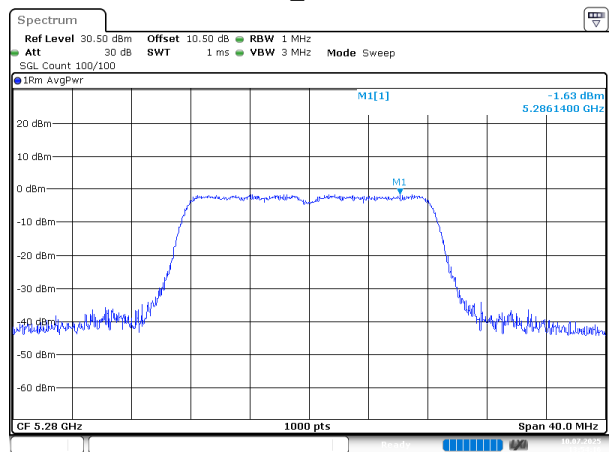
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802.11a_5260MHz



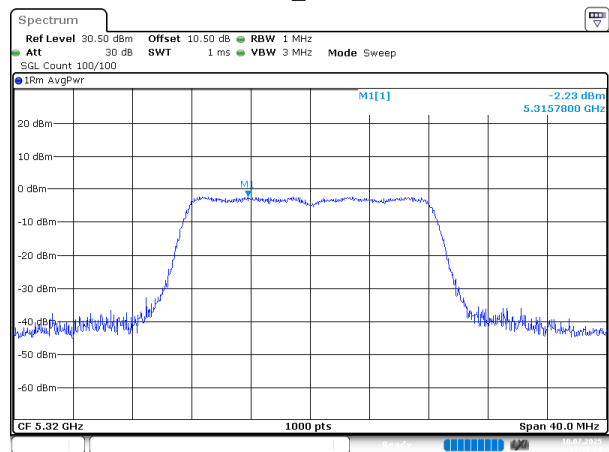
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802.11a_5280MHz



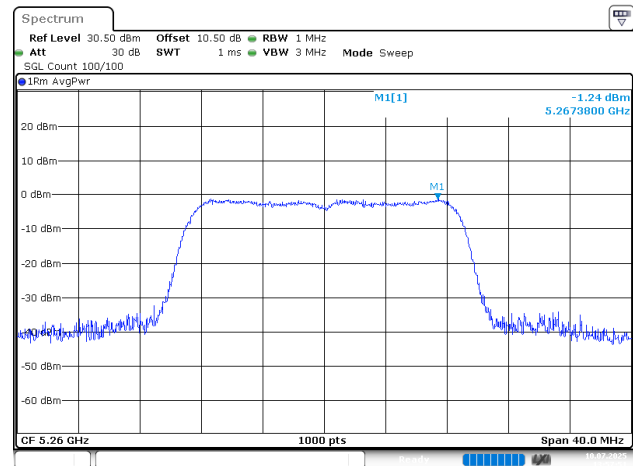
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802.11a_5320MHz



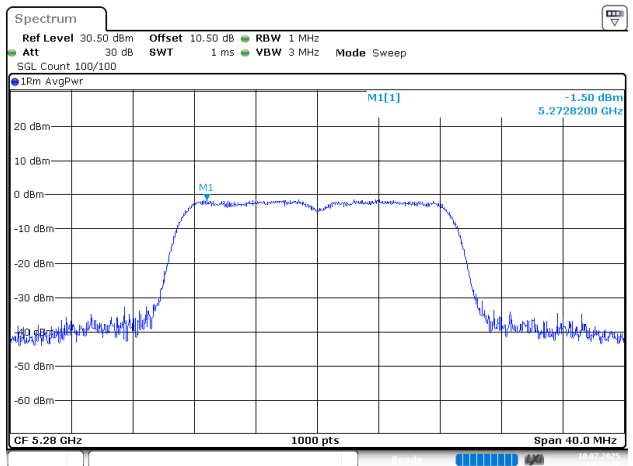
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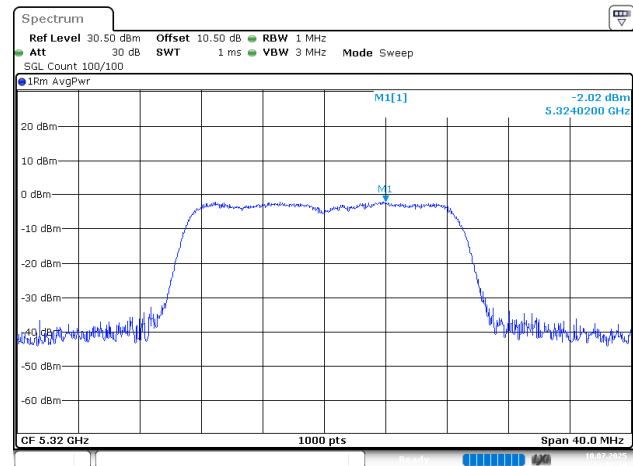
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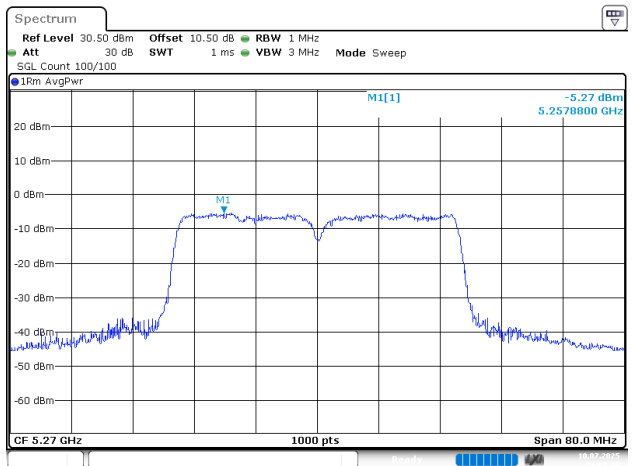
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802.11n20_5320MHz



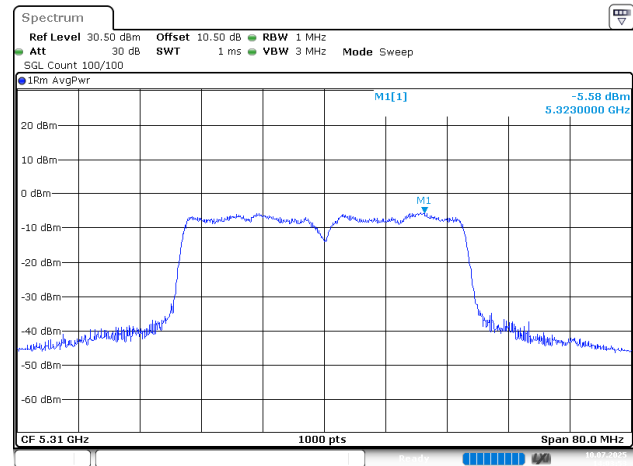
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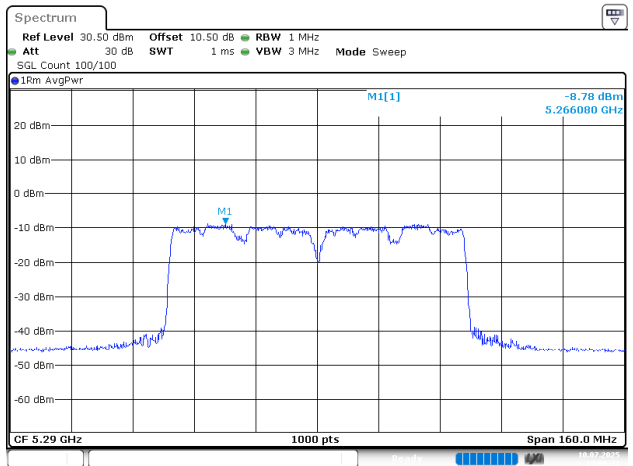
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802.11n40_5310MHz



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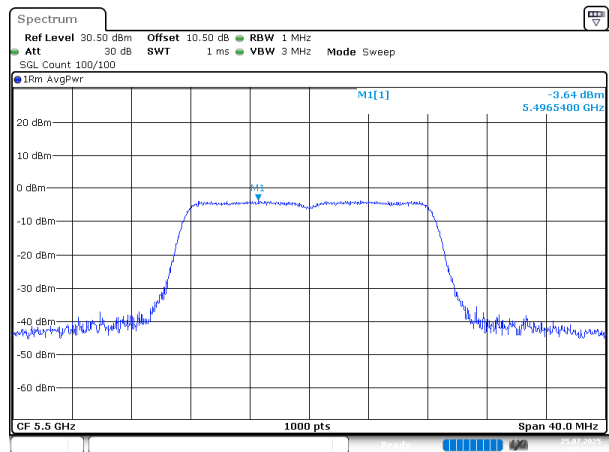
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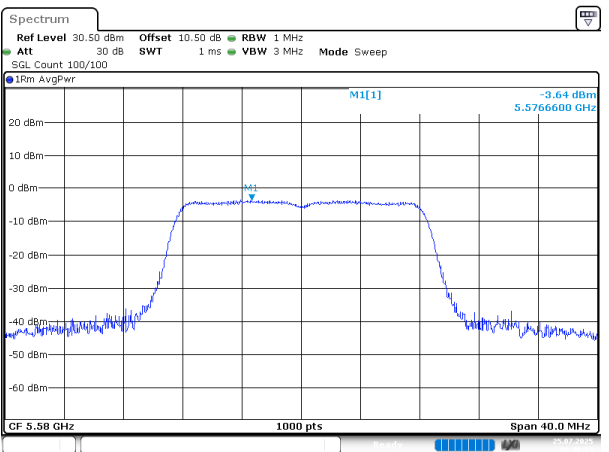
5470-5725MHz

802.11a_5500MHz



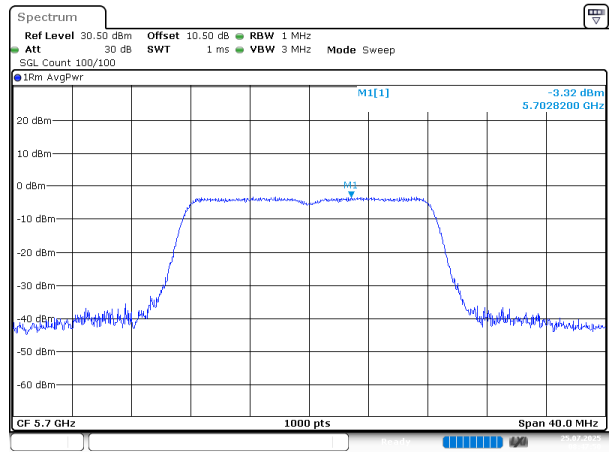
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802.11a_5580MHz



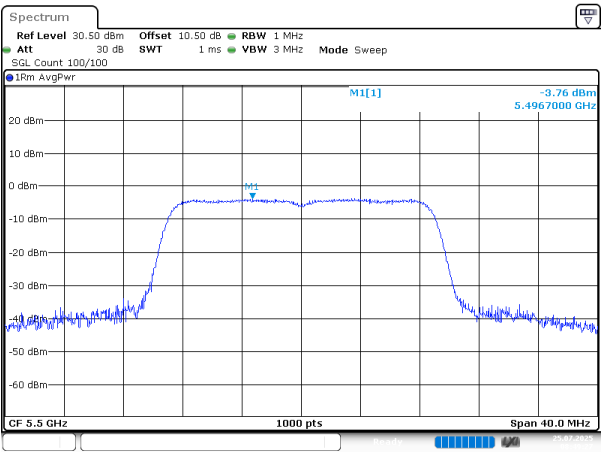
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802.11a_5700MHz



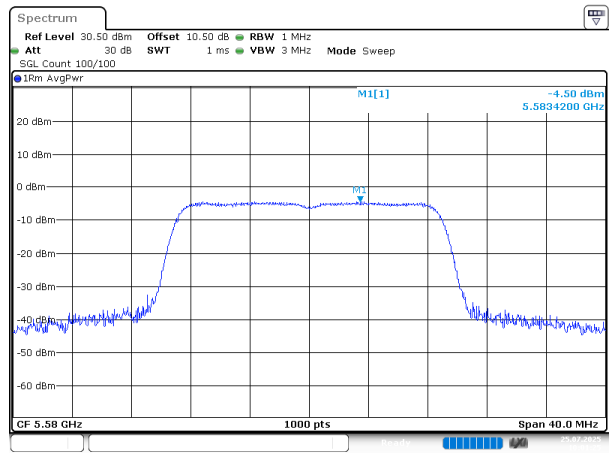
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802.11n20_5500MHz



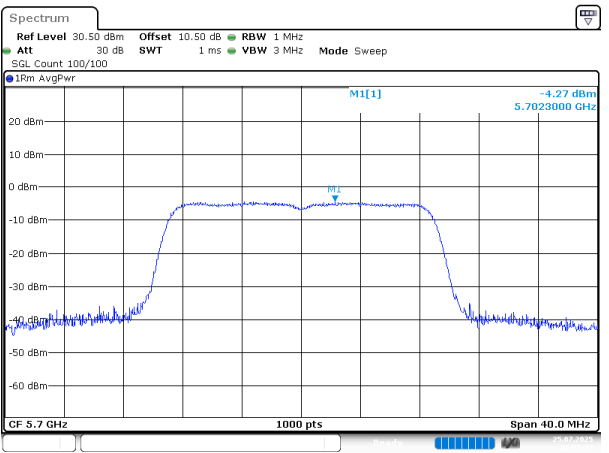
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802.11n20_5580MHz



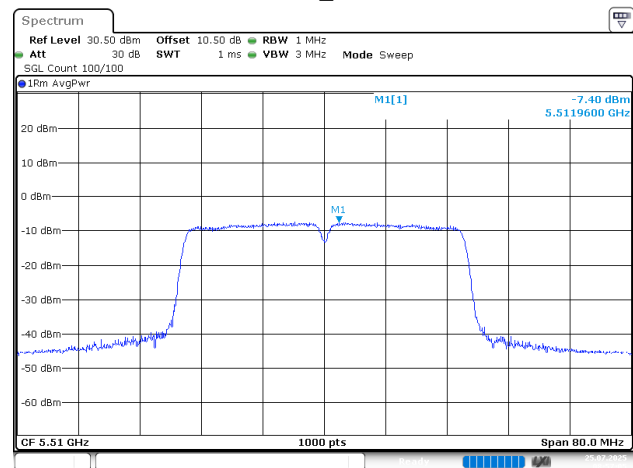
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802.11n20_5700MHz



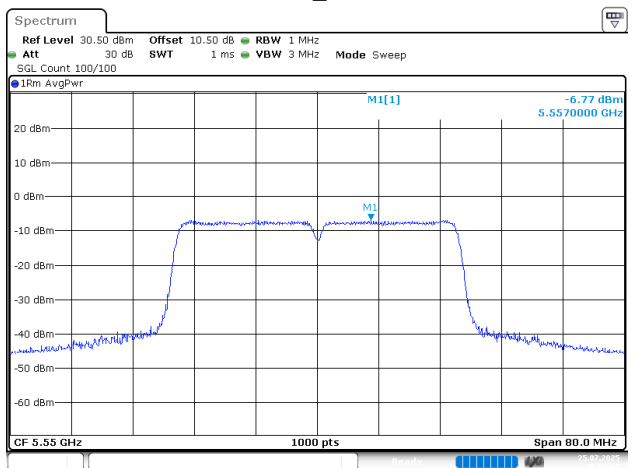
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802.11n40_5510MHz



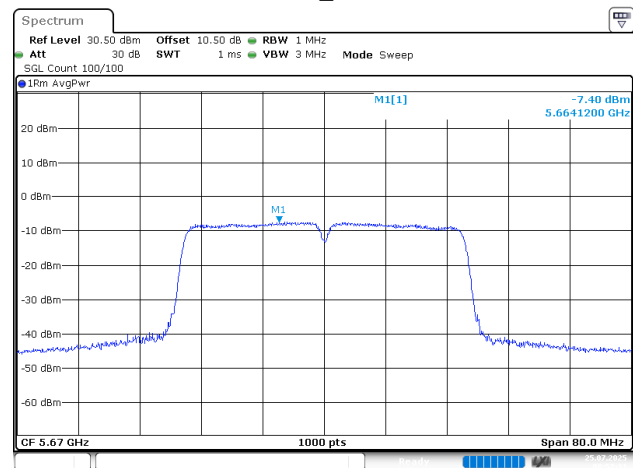
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802.11n40_5550MHz



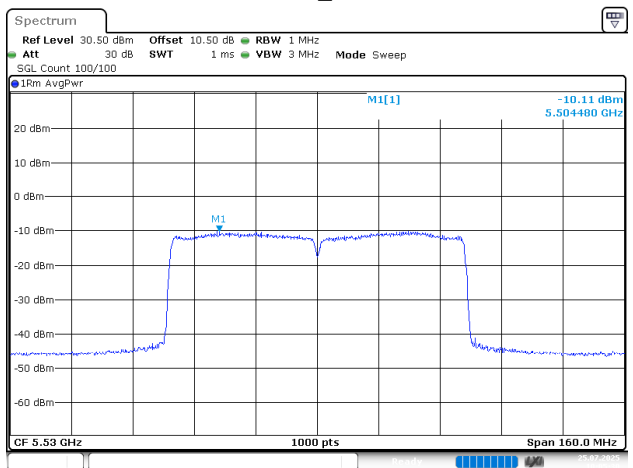
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802.11n40_5670MHz



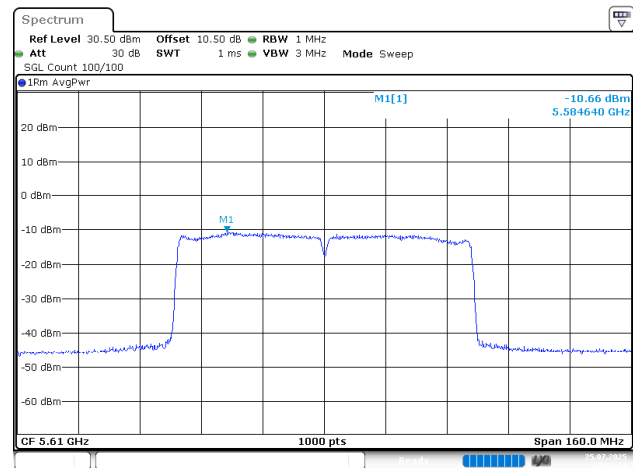
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802.11ac80_5530MHz



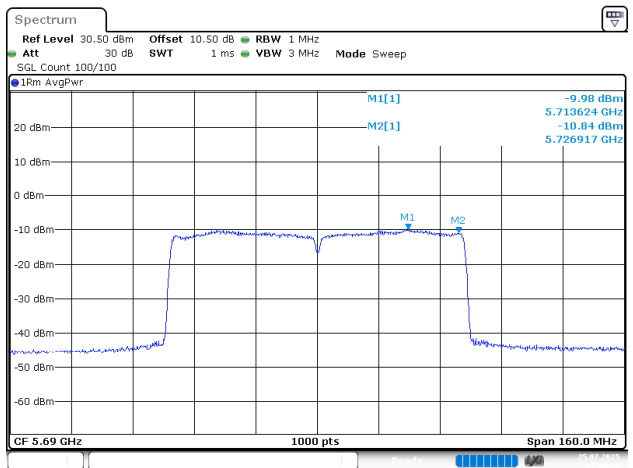
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802.11ac80_5610MHz



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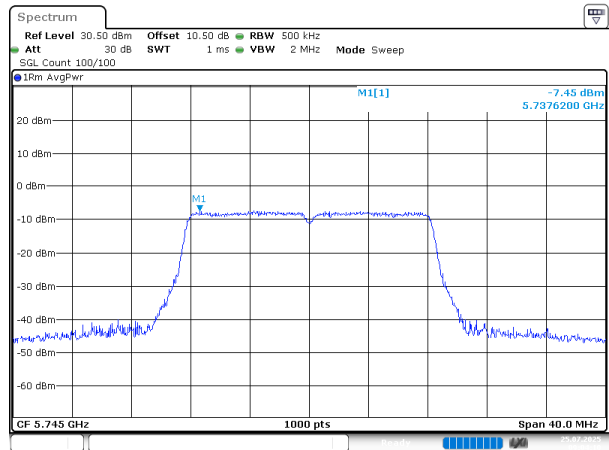
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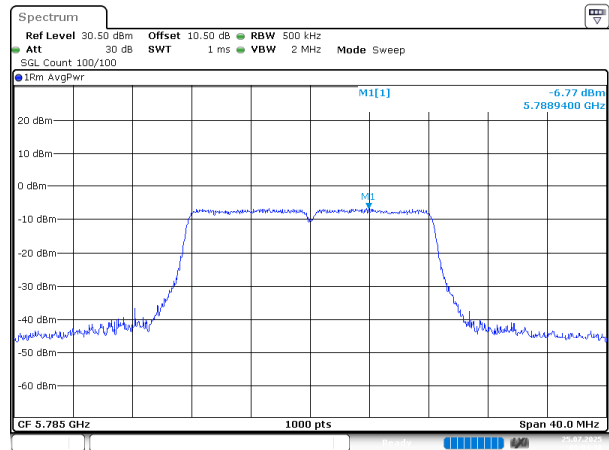
5725-5850MHz

802.11a_5745MHz



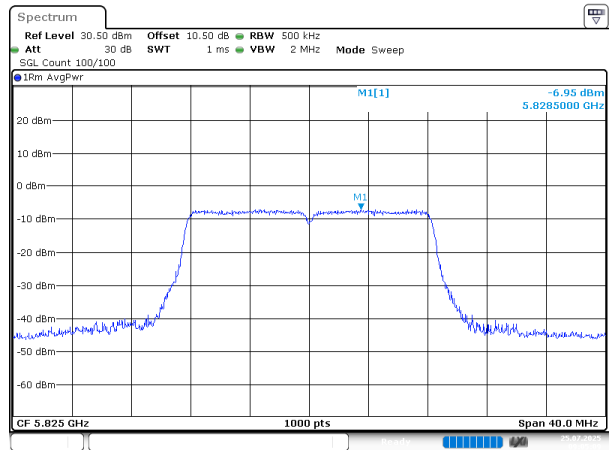
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802.11a_5785MHz



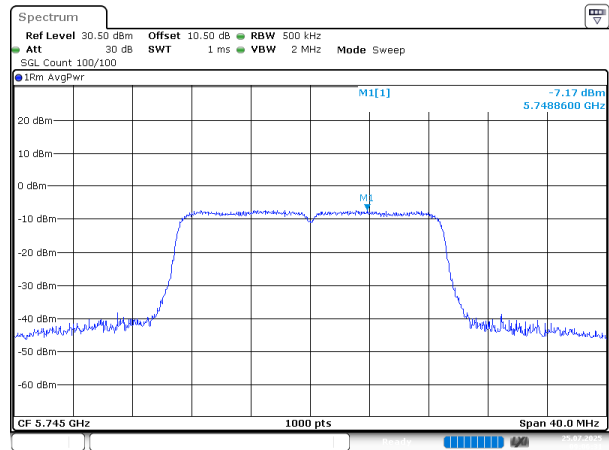
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802.11a_5825MHz



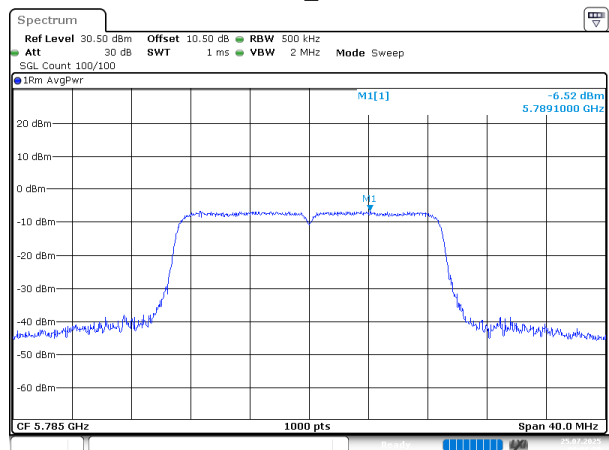
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802.11n20_5745MHz



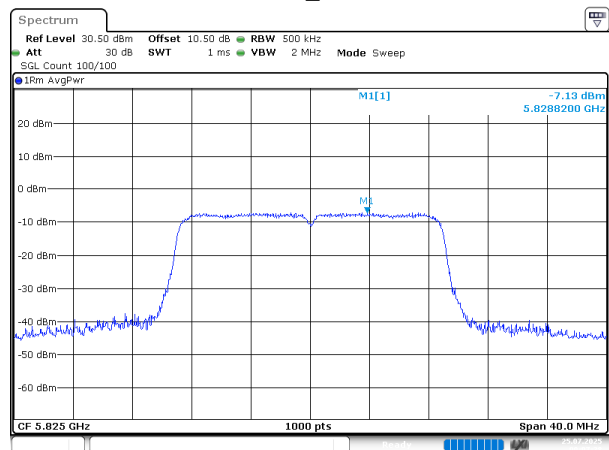
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Date: 25.JUL.2025 09:06:31

802.11n20_5785MHz



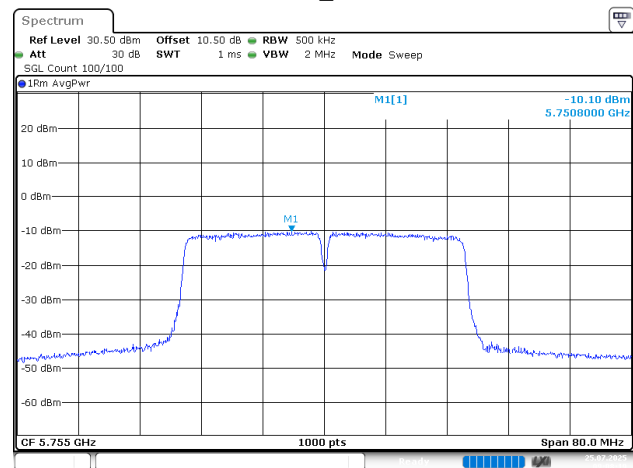
ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 25.JUL.2025 09:06:59

802.11n20_5825MHz



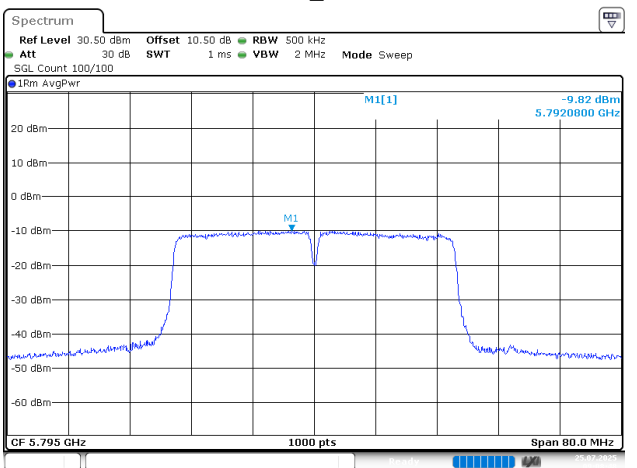
ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 25.JUL.2025 09:07:28

802.11n40_5755MHz



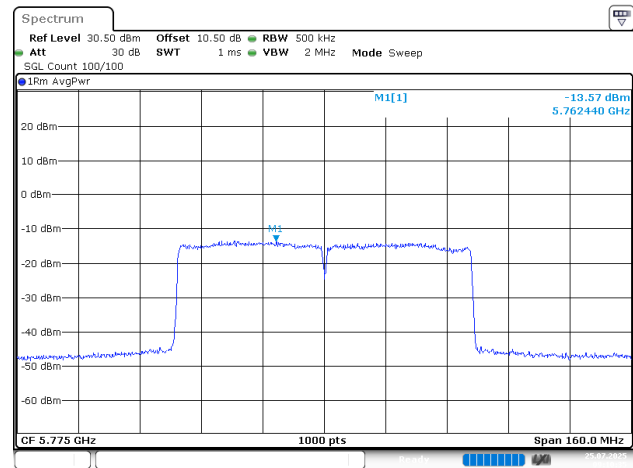
ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 25.JUL.2025 09:08:19

802.11n40_5795MHz



ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 25.JUL.2025 09:08:48

802.11ac80_5775MHz



ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 25.JUL.2025 09:10:35

5.7 Duty Cycle

Test Information:

Serial No.:	34EN-2	Test Date:	2025/07/24
Test Site:	RF	Test Mode:	Transmitting
Tester:	Conor Fu	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	26.1	Relative Humidity: (%)	69	ATM Pressure: (kPa)	100.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12

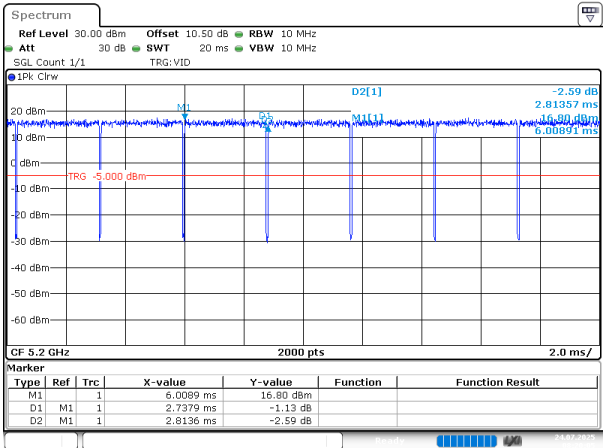
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Mode	Test Frequency (MHz)	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	5200	2.738	2.814	97.30	0.12	365	0.500
802.11n20	5200	2.307	2.397	96.25	0.17	433	0.500
802.11n40	5190	1.126	1.198	93.99	0.27	888	1
802.11ac80	5210	0.540	0.616	87.66	0.57	1852	2

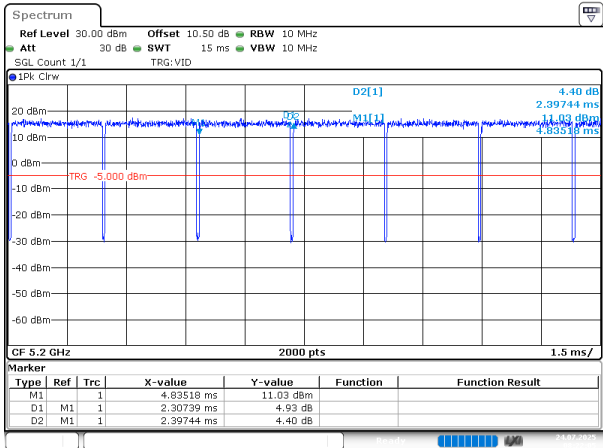
Duty Cycle = Ton/(Ton+Toff)*100%

802.11a_5200MHz



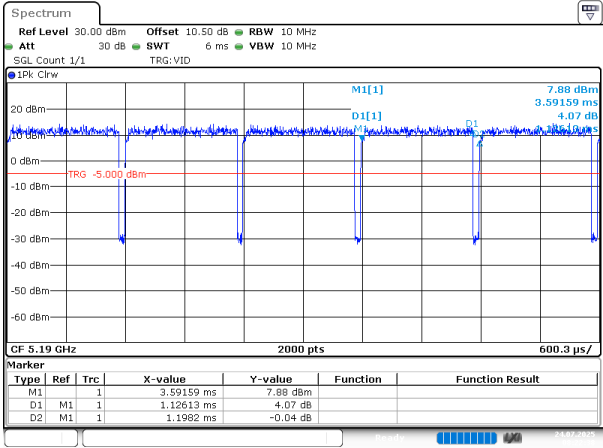
ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 24.JUL.2025 08:20:06

802.11n20_5200MHz



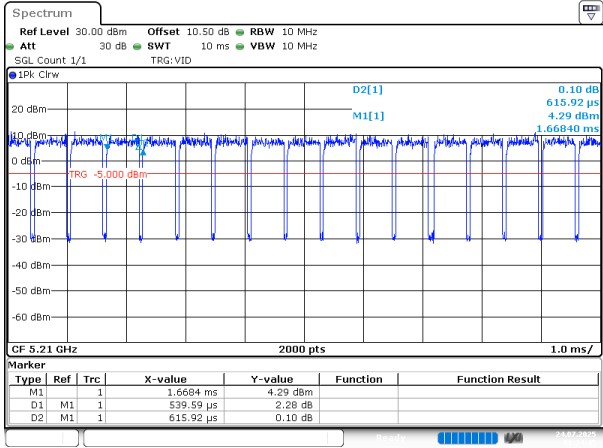
ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 24.JUL.2025 08:22:06

802.11n40_5190MHz



ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 24.JUL.2025 08:22:39

802.11ac80_5210MHz



ProjectNo.:2502U36006E-RF Tester:Conor Fu
Date: 24.JUL.2025 08:24:45

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2502U36006E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2502U36006E-RF-INP EUT INTERNAL PHOTOGRAPHS.

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502U36006E-RF-00D-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******